GEOCON

CONSULTANTS, INC.

GEOTECHNICAL
ENVIRONMENTAL
MATERIALS

ADDITIONAL INVESTIGATION REPORT

FORMER GASAMAT #953
3185 SANTA ROSA AVENUE
SANTA ROSA, CALIFORNIA

PREPARED FOR

GASAMAT OIL CORPORATION OF COLORADO
3223 ARAPAHOE AVENUE
BOULDER, COLORADO

GEOCON PROJECT NO. E8299-06-01

MARCH 2006

GEOCON
CONSULTANTS, INC
ENVIRONMENTAL ■ GEOTECHNICAL ■ MATERIALS

Project No. E8299-06-01
March 22, 2006

Mr. Cliff Ives
County of Sonoma Department of Health Services
Environmental Health Division
475 Aviation Boulevard, #220
Santa Rosa, California 95403

Subject: ADDITIONAL INVESTIGATION REPORT
FORMER GASAMAT #953
3185 SANTA ROSA AVENUE
SANTA ROSA, CALIFORNIA

Dear Mr. Ives:

Geocon has prepared the *Additional Investigation Report* for the Former Gasamat #953 site. The report contains details of field services and laboratory analytical results.

Mr. Gallagher's authorization to submit this report is enclosed. Please contact the undersigned if you have any questions or comments.

Sincerely,

GEOCON CONSULTANTS, INC.

John Love, PG
Senior Project Geologist

Richard Day, PG
Regional Manager

JL:RWD:rjk

(1) Addressee
(1) RWQCB – North Coast Region
(1) Client
(1) UST Cleanup Fund

2356 Research Drive ■ Livermore, CA 94550-3848 ■ Telephone (925) 371-5900 ■ Fax (925) 371-5915

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1.0 INTRODUCTION

On behalf of Gasamat Corporation of Colorado, Geocon has conducted additional soil and groundwater investigation for the Former Gasamat Station No. 953 located at 3185 Santa Rosa Avenue, Santa Rosa, Sonoma County, California (Figure 1). The additional investigation was performed in response to the County of Sonoma Department of Health Services (DHS) letter dated October 3, 2005. A copy of the letter is provided in Appendix A.

1.1 Background

In 1998 the site existed as a Gasamat gasoline station and had four underground storage tanks (USTs) containing gasoline. Two of the tanks were 8,000 gallons in capacity and the other two were 10,000 gallons in capacity.

In October 1998, a subsurface investigation was conducted in conjunction with the facility upgrade of the fuel storage and delivery system. Ten soil borings were advanced adjacent to the USTs and associated product piping. Results of the investigation indicated that petroleum hydrocarbon compounds, including methyl tertiary butyl ether (MTBE) had impacted subsurface soil and groundwater. The primary source of the contamination appeared to be a release near the south end of UST #3 (see Figure 2).

In November 1998, 16 additional soil borings were advanced to assess the lateral extent of impacted soil and groundwater beneath the site and adjacent property to the south (3219 Santa Rosa Avenue, known as Henry's Used Car Lot). As a result of the October and November 1998 investigations, four monitoring wells (MW-1 through MW-4) and two extraction wells (EW-1 and EW-2) were constructed in December 1998. Monitoring wells MW-1 and MW-2 were constructed on the Gasamat property, and MW-3 and MW-4 were constructed on the Henry's Used Car Lot property.

In November 1999, monitoring well MW-5 was constructed to provide qualitative data associated with a dual-phase extraction pilot test scheduled for extraction well EW-2 in December 1999. The only well located within a relatively close proximity of EW-2 prior to the construction of MW-5 was extraction well EW-1.

In December 1999, the pilot test was conducted at extraction well EW-2. The results of the pilot test indicated that subsurface soil and groundwater conditions were favorable towards the selection of dual-phase extraction as a remediation method at the site.

In September 2002, monitoring wells MW-6 and MW-7 were constructed to further define the lateral extent of contamination. Active remediation had not yet been conducted at the site because negotiation was underway to fund the remediation project under the State's pay-for-performance program, and the new monitoring wells (MW-6 and MW-7) would be necessary to evaluate the effectiveness of the proposed remediation system for future cleanup reimbursement purposes. The pay-for performance reimbursement mechanism was later abandoned due to regulatory costs associated with the disposal of treated groundwater.

On April 1, 2003, a workplan to *Conduct Additional Groundwater Investigation* was submitted the DHS for review. The scope of work included constructing one additional monitoring well (MW-8) at 3219 Santa Rosa Avenue (Henry's Used Car Lot) to monitor groundwater quality in the down gradient groundwater flow direction from the leaking tanks; and to advance three direct-push soil borings along the sanitary sewer line located beneath the west side of Santa Rosa Avenue to assess the likelihood that the sewer trench is functioning as a preferential pathway for subsurface contaminant migration. Between April 2003 and February 2004 the property located at 3219 Santa Rosa Avenue was sold and the new owner, Redwood Credit Union, were in the process of redeveloping the site with a new office building and paved parking lot. As a result, plans to conduct the additional groundwater investigation were delayed until construction at the Redwood Credit Union site was complete.

On February 17, 2004, a *Workplan to Abandon and Reinstall Two Groundwater Monitoring Wells* at the Redwood Credit Union site was submitted to and approved by the DHS. The wells (MW-3 and MW-4) would need to be abandoned because the site was going to be re-graded to a new elevation, and monitoring well MW-4 was positioned within the footprint of the new office building. In March 2004, monitoring wells MW-3 and MW-4 were abandoned.

On October 3, 2005, the DHS issued a letter requiring Gasamat to complete the additional groundwater investigation as presented in the April 1, 2003 workplan, and construct monitoring wells MW-9 and MW-10 as presented in the February 17, 2004 workplan. A copy of the DHS directive is provided in Appendix A.

1.2 Scope of Services

The scope of services conducted during this investigation included the following:

- Obtain access agreement with Redwood Credit Union, and drilling and encroachment permits from the DHS and Permit and Resources Management Department (PRMD), respectively;
- Conduct utility clearance;
- Advance three temporary borings along the sanitary sewer line located beneath Santa Rosa Avenue;
- Construct and develop three offsite monitoring wells (MW-8, MW-9, and MW-10) at 3219 Santa Rosa Avenue (Redwood Credit Union property); and
- Prepare report of findings.

2.0 SOIL BORING ADVANCEMENT

On February 2, 2006, Geocon advanced three soil borings (SB-1, SB-2, and SB-3) along the west side of Santa Rosa Avenue to assess whether the sanitary sewer trench was providing a pathway for the subsurface migration of petroleum hydrocarbons originating from the Former Gasamat site (see Figure 2). The sanitary sewer line consisted of an 8-inch-diameter vitrified clay pipe with an invert of approximately 7 feet bgs in the vicinity of 3185 and 3219 Santa Rosa Avenue.

Prior to advancing the temporary borings, Geocon obtained a drilling permit from the DHS and an encroachment permit from the PRMD (copies of the permits are provided in Appendix B). Underground Services Alert (USA) was notified about the impending field investigation, and Cruz Brothers Locators, a private utility locating service, was utilized to further identify potential subsurface utilities, as well as locate the borings as close as possible to the sanitary sewer line.

2.1 Direct-Push Sample Methodology

Soil borings SB-1, SB-2, and SB-3 were advanced using a direct-push sample rig provided by Gregg Drilling and Testing, Inc. Each borehole was continuously cored by driving a four-foot-long by two-inch-diameter Macrocore sampler lined with an acetate sample tube into undisturbed soil at 4-foot sample intervals until groundwater had been encountered. Soil cuttings from each sample interval were inspected for lithology and evidence of contamination, and soil samples from intervals situated immediately above first encountered groundwater were collected for laboratory analysis.

Grab-groundwater samples were collected from each borehole by installing a temporary ¾-inch-diameter PVC well casing into the open boreholes once it was established that groundwater was present. Groundwater samples were extracted from each boring using ¼-inch-diameter polyethylene tubing fitted with a check valve. Groundwater was forced through the tubing towards ground surface as the tubing was manually moved up and down inside the temporary well casings. Groundwater samples were collected in 40-milliliter glass vials preserved with hydrochloric acid (HCl). Upon sample collection, the glass vials were labeled and placed in a chest cooled with ice for transport to the analytical laboratory.

All soil and groundwater samples were submitted for laboratory analysis under chain-of-custody protocol to Entech Analytical Labs, Inc., a State of California-certified laboratory located in Santa Clara, California.

2.2 Subsurface Soil and Groundwater Conditions

Differing soil conditions and depths to groundwater were encountered in each soil boring location. Poor sample recovery was noted in the upper 4 feet of each borehole; presumably due to compacted base rock underlying Santa Rosa Avenue.

Sandy clay was encountered in SB-1 between 4 and 7 feet bgs. Underlying the sandy clay to a depth of 8 feet bgs was bluish green silty sand. A slight petroleum odor was observed in the silty sand. Groundwater was encountered at approximately 7 feet bgs, and it stabilized at approximately 5½ feet bgs after the sample tube and drive rods were removed from the borehole. The SB-1 borehole was terminated at 8 feet bgs.

Silty sand was encountered between 4 and 8 feet bgs in the SB-2 borehole. Underlying the silty sand was well graded sand and gravel. The sand and gravel was saturated at 9½ feet bgs, and groundwater rose to approximately 5½ feet bgs after the sample equipment was removed from the borehole. SB-2 was terminated at 12 feet bgs. No odors were observed in soil cuttings logged in soil boring SB-2.

Silty clay was encountered below 4 feet bgs in SB-3, and it extended to approximately 14½ feet bgs, where well graded sand was encountered. The well graded sand was saturated, and groundwater rose to within approximately 6½ feet of ground surface. Soil boring SB-3 was terminated at 16 feet bgs. No odors were observed in soil cuttings logged from SB-3.

Copies of the SB-1, SB-2, and SB-3 boring logs are provided in Appendix C.

2.3 Soil Sample Analysis and Results

Soil samples were collected from SB-1, SB-2, and SB-3 at non-saturated intervals above first encountered groundwater. Soil samples were collected from SB-1 at 6 to 6½ feet bgs, SB-2 at 8 to 8½ feet bgs and SB-3 at 13 to 13½ feet bgs.

All soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, xylenes (BTEX), and MTBE using EPA Test Method 8260B.

TPHg was reported at a concentration of 140 micrograms per kilogram (ug/kg) in the 6-foot soil collected from SB-1, and it was reported as non-detect (<50 ug/kg) in the soil samples collected from SB-2 and SB-3 at depths of 8 and 13 feet bgs, respectively. BTEX and MTBE were reported as non-detect in all three soil samples.

All soil sample results are tabulated in Table 1, and copies of the analytical laboratory data sheets and chain of custody are provided in Appendix D.

2.4 Grab Groundwater Sample Analysis and Results

Grab groundwater samples were collected from soil borings SB-1, SB-2, and SB-3 and analyzed for TPHg, BTEX, and MTBE using EPA Test Method 80260.

TPHg was reported at concentrations of 150 micrograms per liter (ug/l) and 360 ug/l in grab groundwater samples collected from SB-1 and SB-2, respectively. TPHg was reported as non-detect (<25 ug/l) in the SB-3 grab groundwater sample.

Benzene was reported at a concentration of 120 ug/l in the SB-2 grab groundwater sample, and it was reported as non-detect in the SB-1 and SB-3 samples. MTBE was reported in all three grab groundwater samples at concentrations ranging from 22 ug/l at SB-3 to 310 ug/l at SB-1. All other target analytes were reported as non-detect in borings SB-1 through SB-3.

Grab groundwater sample results are tabulated in Table 2, and copies of the analytical laboratory data sheets are provided in Appendix D

3.0 MONITORING WELL CONSTRUCTION

On February 3, 2006 Geocon supervised the construction of monitoring wells MW-8, MW-9, and MW-10. The wells were constructed under permit from the DHS (a copy of the well construction permit is provided in Appendix A). Monitoring well MW-8 was constructed to monitor groundwater quality near the downgradient termination point (presumably) of the petroleum hydrocarbon plume, and monitoring wells MW-9 and MW-10 were constructed to replace monitoring wells MW-3 and MW-4, that were abandoned in February 2004 prior to redevelopment of the Redwood Credit Union property.

MW-8, MW-9, and MW-10 were constructed using a drill rig equipped with eight-inch-diameter hollow-stem augers provided by Gregg Drilling and Testing, Inc., a C-57 licensed contractor. The monitoring wells were constructed using two-inch-diameter polyvinyl chloride (PVC) well casings. All three wells were screened from 10 to 20 feet bgs using 0.020-inch slotted well screen and #3 sand pack. Monitoring well construction details are depicted on the boring logs provided in Appendix C, and copies of the State of California Well Completion Reports are provided in Appendix E.

On February 15, 2006, Geocon developed monitoring wells MW-8, MW-9, and MW-10. Development was accomplished by surging each well casing and then purging water and sediment from the wells using a centrifugal pump equipped with disposable polyethylene tubing. A total of ten well casing volumes were removed from each well.

On March 8, 2006, Virgil Chavez Land Surveying mobilized to the site and surveyed the top of casing elevation for the new groundwater monitoring wells (MW-8, MW-9, and MW-10). A copy of the survey report is included as Appendix F.

3.1 Soil and Groundwater Conditions

Each monitoring well borehole was logged at 5-foot sample intervals using an 18-inch-long split-spoon sampler. Soils encountered in monitoring wells MW-8 and MW-10 consisted of sandy clay from near ground surface to somewhere between 10 and 13½ feet bgs. Underlying the sandy clay in MW-8 and MW-10 was silty sand, and clayey sand, respectively. The silty sand in MW-8 was saturated; however, the clayey sand in MW-9 was not. Based on soil cuttings present on the auger flights removed from the MW-10 borehole, groundwater was likely encountered between 17 and 18 feet bgs within a clayey sand lense. The silty sand in MW-8 graded into saturated fine gravel somewhere between 15 and 19 feet bgs, and the clayey sand observed at a depth of approximately 17 feet bgs on the auger flights in the MW-10 borehole graded into a moist sandy clay around 19 feet bgs. Both MW-8 and MW-10 were terminated at 20 feet bgs. Static groundwater was measured at approximately 7 feet bgs in MW-8 and MW-10 indicating that confined groundwater conditions exist in both well locations.

Soils encountered in monitoring well MW-9 consisted of sandy clay from near ground surface to approximately 5 feet bgs. Underlying the sandy clay was clayey and silty sand to a depth somewhere between 10- and 13½-feet bgs. Below the silty sand was a saturated sand to a depth between 15½ and 18½ feet bgs. The saturated sand graded into saturated fine gravel to a depth of 20 feet bgs, the total depth of the MW-9 borehole. Since groundwater was encountered under confined conditions in the MW-9 borehole, it appears likely that a confining clay or silt may be present somewhere between 10 and 13½ feet bgs.

3.2 Soil and Groundwater Disposal

Soil cuttings generated during the advancement of soil borings SB-1, SB-2, and SB-3 were incorporated with the soil cuttings generated during the construction of monitoring wells MW-8, MW-9, and MW-10. Soil cuttings generated during the construction of monitoring wells MW-8, MW-9, and MW-10 were containerized in five 55-gallon drums. The drums were labeled and stored at 3185 Santa Rosa Avenue until they were picked for disposal on February 13, 2006 by Ecology Control Industries, Inc (ECI). ECI transported the drums under manifest to the Crosby & Overton facility in Long Beach, California for disposal. A copy of the non-hazardous waste manifest is provided in Appendix G.

Purgewater generated during the development of monitoring wells MW-8, MW-9, and MW-10 was transported back to the Geocon warehouse in Livermore, California. The purgewater will be disposed under manifest during a future drum pickup.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Soil and grab groundwater sample results obtained from borings SB-1, SB-2, and SB-3 indicate that some petroleum impacts to soil and groundwater within the sanitary sewer trench has occurred near SB-1; however, it does not appear that the trench itself has provided a preferential pathway for contaminant migration beyond that which has already occurred through shallow groundwater elsewhere.

Groundwater did not appear to be present in the trench near borings SB-2 and SB-3, nor were petroleum odors evident in soil cuttings obtained from either of these boreholes. Groundwater in borings SB-2 and SB-3 was encountered under confined conditions, below the invert depth (approximately 7½ feet bgs) of the sanitary sewer trench. As a result, TPHg, benzene, and MTBE concentrations reported in the grab groundwater samples collected from SB-2 and SB-3 are likely representative of shallow groundwater quality conditions in these areas irrespective of the sewer trench.

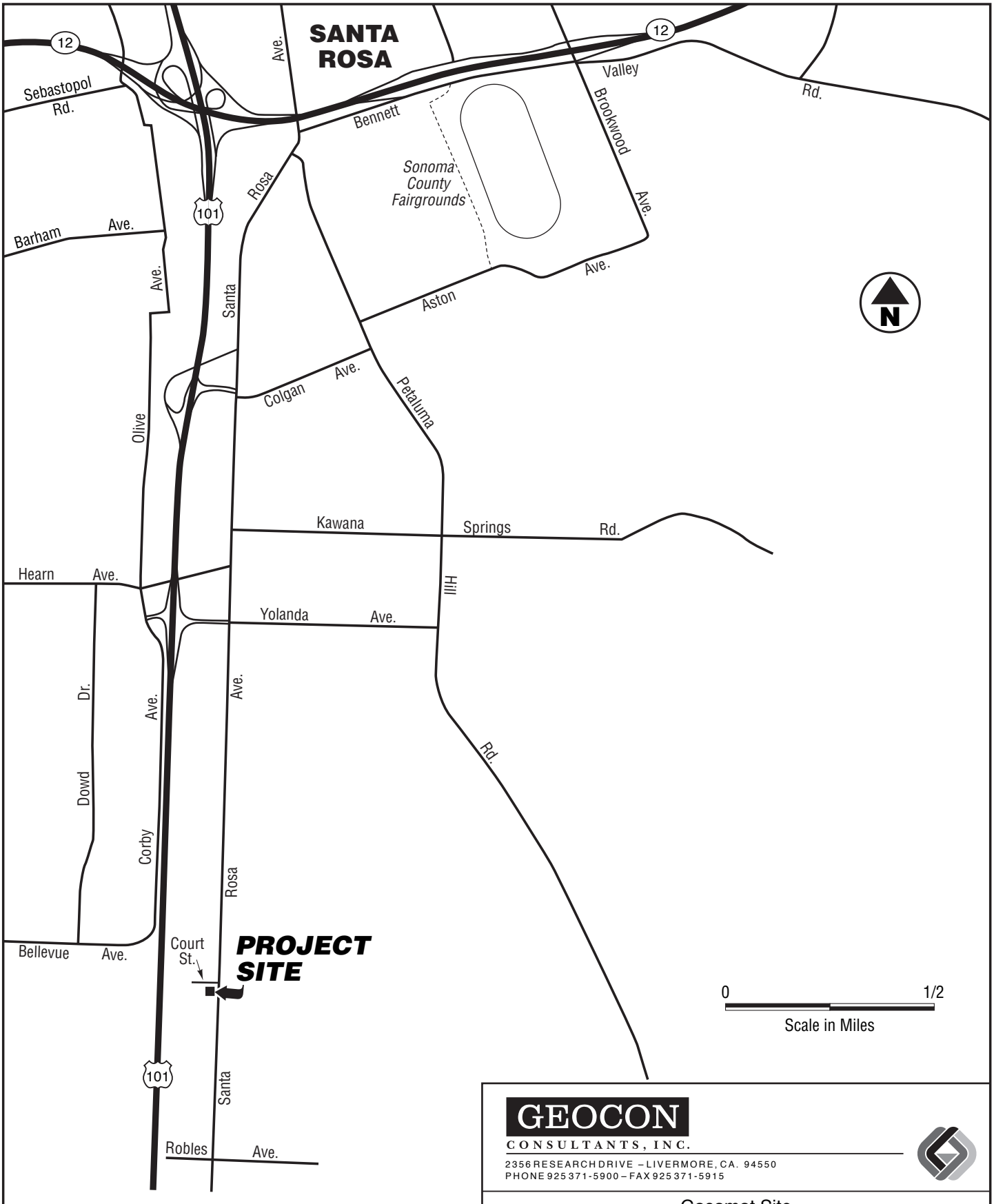
Groundwater was initially encountered in SB-1 at approximately the same depth (approximately 7 feet bgs) as the invert of the sanitary sewer line. Based on the initial depth to groundwater and the presence of TPHg at a concentration of 140 ug/kg in the soil sample collected from a depth of approximately 6 to 6½ feet bgs, it appears that some petroleum hydrocarbon impact to soils surrounding the sewer line near SB-1 has occurred; however, the impact is likely the result of petroleum hydrocarbon movement through groundwater within the smear zone, and not the result of a direct release to the sanitary sewer trench.

Monitoring wells MW-8, MW-9, and MW-10 were constructed and developed in February 2006, and they will be sampled in April 2006 during the second quarter groundwater sample event. Sample results obtained from these wells should provide additional offsite lateral definition to the petroleum hydrocarbon plume.

A corrective action plan (CAP) was prepared in 1999; however, the recommended remedial alternatives would have required the discharge of treated groundwater to either the storm drain under a National Pollution Discharge Elimination System (NPDES) permit or to the sanitary sewer. The feasibility of treating and discharging large volumes of MTBE-impacted groundwater to the storm drain without violating NPDES permit discharge limits (and incurring the resultant fines) is not practical. The costs associated with discharging to the sanitary sewer system are even more prohibitive given the connection and discharge fees associated with this disposal option. Neither the severity of the MTBE-impacts to groundwater, nor the costs associated with discharge to the sanitary sewer were known in 1999 when the CAP was prepared. As a result, a revised CAP was prepared in March 2003 that recommended combining source removal near UST #3 combined with insitu groundwater treatment using Fenton's Reagent and Oxygen Release Compound® (ORC). The DHS responded to

the revised CAP in a letter dated May 23, 2003, requiring that a remedial action plan (RAP) be prepared detailing the proposed corrective action.

Based on the above, Geocon recommends continuing the quarterly groundwater sampling program. Groundwater sample results obtained from monitoring wells MW-8 and MW-10 during the second quarter 2006 sample event will be useful towards assessing whether additional lateral definition of the plume is necessary. Geocon also recommends that a CAP be prepared to address contaminant concentrations in groundwater near UST #3. The CAP would evaluate the feasibility and cost-effectiveness of the recommended remedial method(s) presented in the 2003 revised CAP and ozone injection. The CAP would then be submitted for review and comments from the DHS, and a detailed RAP prepared based on the agreed upon remedial alternative.



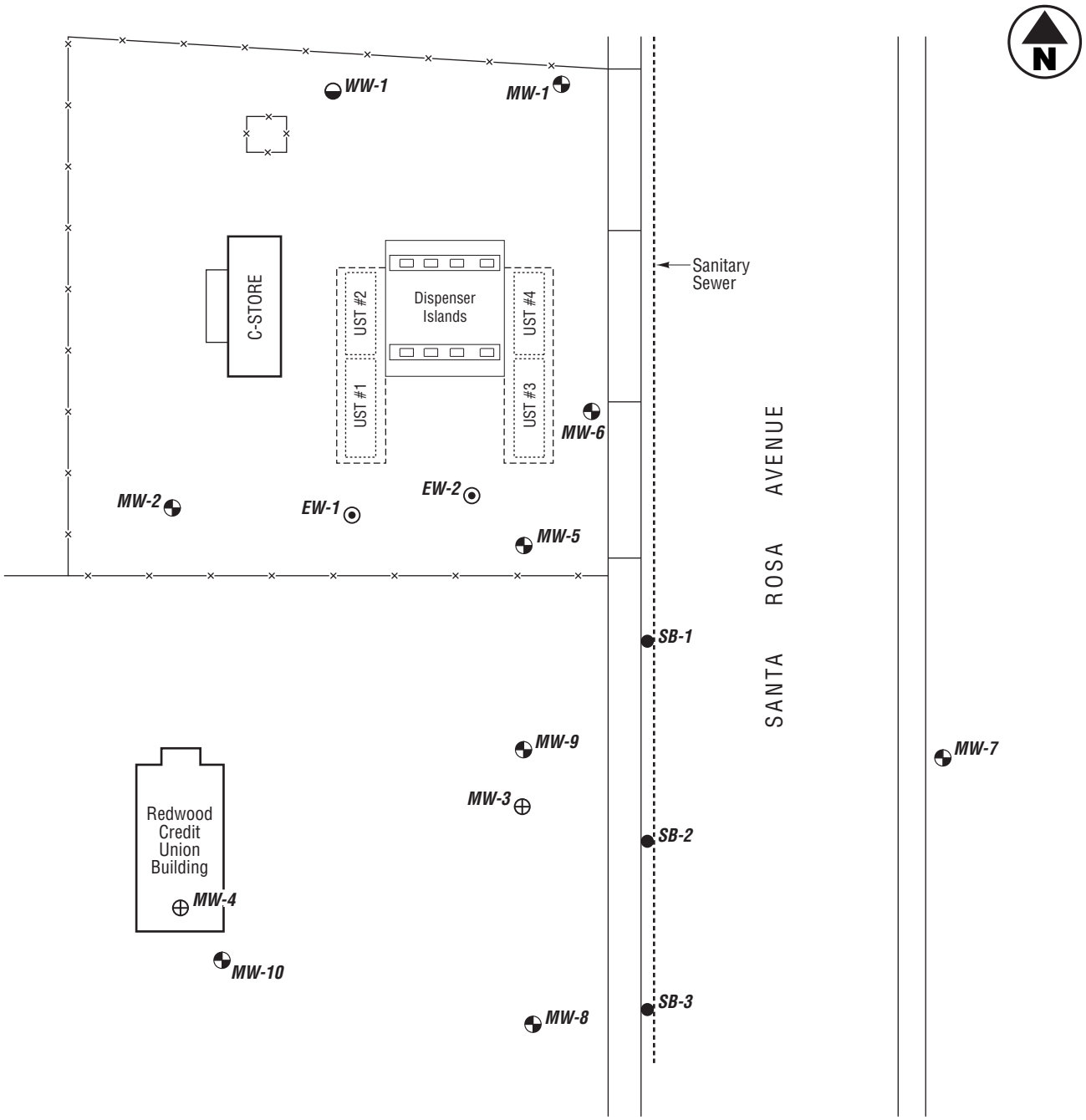
GEOCON
CONSULTANTS, INC.
2356 RESEARCH DRIVE – LIVERMORE, CA. 94550
PHONE 925 371-5900 – FAX 925 371-5915

Gasamat Site

3185 Santa Rose Avenue
Santa Rosa, California

VICINITY MAP

E8299-06-01	March 2006	Figure 1



LEGEND:

- MW-1 Approximate Groundwater Monitoring Well Location
- MW-3 Approximate Destroyed Well Location
- EW-1 Approximate Soil Vapor/Co-Extraction Well Location
- WW-1 Approximate Water Well Location
- SB-1 Approximate Temporary Soil Boring Location
- Approximate Former UST Location

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Gasamat Site

3185 Santa Rose Avenue
Santa Rosa, California

SITE PLAN

E8299-06-01	March 2006	Figure 2

Table 1
Soil Sample Results
Gasamat #953
Santa Rosa, California

Location	Date	Sample Depth (feet bgs)	TPHg (ug/kg)	Benzene (ug/kg)	Toluene (ug/kg)	Ethybenzene (ug/kg)	Xylenes (ug/kg)	MTBE (ug/kg)
SB-1	3/2/2006	6-6.5	**140**	<5.0	<5.0	<5.0	<10	<5.0
SB-2	3/2/2006	8-8.5	<50	<5.0	<5.0	<5.0	<10	<5.0
SB-3	3/2/2006	13-13.5	<50	<5.0	<5.0	<5.0	<10	<5.0

Notes:

Bold tpe indicates compound reported at or above method detection limit concenration.
ug/kg - micrograms per kilogram

Table 2
Grab Groundwater Sample Results
Gasamat #953
Santa Rosa, California

Location	Date	TPHg (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethybenzene (ug/l)	Xylenes (ug/l)	MTBE (ug/l)
SB-1	3/2/2006	**150**	<2.5	<2.5	<2.5	<2.5	**310**
SB-2	3/2/2006	**360**	**120**	<5.0	<5.0	<5.0	**130**
SB-3	3/2/2006	<25	<0.50	<0.50	<0.50	<0.50	**22**

Notes:

Bold tpe indicates compound reported at or above method detection limit concenration.
ug/l - micrograms per liter

APPENDIX A

COUNTY of SONOMA
DEPARTMENT OF HEALTH SERVICES

Rita Scardaci, MPH – Director
Sharon Aguilera – Assistant Director

Environmental Health Division
Walter L. Kruse - Director

October 3, 2005

Mr. Michael J. Gallagher
Gasamat Oil Corporation of Colorado
3223 Arapahoe Avenue, Suite 201
Boulder, CO 80303-1092

Hosain & Fatameh Azizian
1985 Broadway Street
Vallejo, CA 94589-1907

Re: 3185 Santa Rosa Avenue, Santa Rosa—Leaking Underground Storage Tank Site
SCDHS-EHD Site #00002635, NCRWQCB #1TSO688, SWRCB Cleanup Fund #014334

To Responsible Parties:

This Department is in the process of reviewing sites that are not in compliance with previous directives or that have been inactive for extended periods. The referenced site fits both of these categories. Our files show that on February 23, 2004, Mr. Gallagher was sent a directive to replace monitoring wells located at 3219 Santa Rosa Avenue and to implement further groundwater investigation of the fuel release on site. This work was proposed by ATC Associates, Inc. in their February 17, 2004 and April 1, 2003 workplans. A due date of May 23, 2004 was established for the completion and reporting of this work, but as of this date, this Department has not received any reports, or other indication that the work has been completed. The required investigation and well replacement completion reports are now past due. You are hereby directed to implement the said ATC workplans and to submit reports on the work done. The work must be completed as conditioned by this Department's May 23, 2003, and February 23, 2004 letters (copies enclosed).

In addition, in its November 24, 2003 letter, this Department directed that an alternate water source be provided to the site facility because of reported trichloroethene (TCE) and gasoline constituents in the onsite water supply well. To date, no report has been received indicating that a potable water supply has been provided, or that the water now meets acceptable standards. It is Department's understanding that the well supplies water only to the facility bathroom. This water, however, must meet the standards of potability since it is used in the lavatory for hand washing and may be used for human consumption. The latest water sample laboratory results of October 23, 2003 showed 33 ppb of TCE, which exceeds the Maximum Contaminant Level of 5 ppb. Consequently, the water from the onsite well must be viewed as not potable. This case is, therefore, being referred to the Sonoma County Permit Resource Management Department and to Sonoma County Environmental Health Division Food and Recreation Program for enforcement of this violation. A copy of the November 24, 2003 letter is enclosed.

The due date for submittal of the reports is revised to December 3, 2005 to offer you the opportunity to come into compliance with the State Underground Storage Tank Laws and Regulations. Quarterly groundwater sampling and reporting of water supply and monitoring wells is also required but is not being done. Submittal of past due quarterly reports is due as soon as possible. Further enforcement action will be taken if reports are not received by December 3, 2005. Work plans and reports must be completed by qualified consultants. A list of qualified individuals or firms is available upon request.

Regarding Pay for Performance remediation, it is assumed that this option is no longer being pursued. When site characterization is completed, a Feasibility Study of viable cleanup alternatives will be required.

Failure to submit reports as required is a violation of the California Health and Safety Code Sections 25296.10 and 25299.76. Also, be advised that Article 5, Section 2652(d) of the California Underground Storage Tank Regulations, Title 23, Division 3, Chapter 16, California Code of Regulations, states, "Until investigation and cleanup are complete, the owner or operator shall submit reports to the local agency or Regional Water Quality Control Board, whichever is overseeing the cleanup, every three months or more frequently as specified by the agency."

Any action or inaction by this local agency associated with corrective action, including responsible party identification, is subject to petition to the State Water Resources Control Board (SWRCB). Petitions must be filed within 30 days from the date of the action/inaction. To obtain petition procedures, please refer to the SWRCB web site at http://www.swrcb.ca.gov/cwphome/ust/cleanup/closure.html, or telephone (916) 341-5782. You may also fax your request to the SWRCB at (916) 341-5808.

A Local Review Process is also available. Any Responsible Party that has a dispute about an action or decision by Local Oversight Program (LOP) staff may request in writing a meeting to be convened among the LOP staff overseeing the case, the LOP Supervisor, and the Responsible Party and the Responsible Party's Consultant. Regional Water Quality Control Board staff will be notified of the meeting and may attend if scheduling permits.

Please contact this Department at (707) 565-6574 if you have any questions regarding the site requirements.

Sincerely,

Cliff Ives
Senior Environmental Health Specialist
Leaking Underground Storage Tank Local Oversight Program

CI

Enclosures

c: Mr. Luis Rivera, North Coast Regional Water Quality Control Board
Mr. David Charter, SWRCB Cleanup Fund
Mr. Jeff Holtzman, Sonoma County District Attorney's Office
Ms. Rebecca Ng, Sonoma County Permit Resource Management Department
Mr. John Anderson, Sonoma County Environmental Health Division
Mr. John Love, ATC Associates Inc., 6602 Owens Drive, Pleasanton CA 94588

APPENDIX B

COUNTY OF SONOMA
PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

2550 VENTURA AVENUE, SANTA ROSA, CA 95403-2829
(707) 565-1900 FAX (707) 565-1103

Encroachment Permit # ENC05-0511

County Road Name	Road Number	Postmile
SANTA ROSA AVE	7802	11.90 - 11.93

Plancheck Fee:	$0.00
Permit Fee:	$185.00
Inspection Fee:	$90.00
SUSMP Fee:	$0.00
Penalty Fee:	$0.00
Previously Paid:	.00
Additional Fee(s):	$0.00
Balance Due:	$0.00

Work Site Address: 3219 SANTA ROSA AVE BEL
Type of Activity: UTILITY BORING
Parcel Number: 043-143-008
Project: 3 GEO PROBE BORINGS

Issue Date: 12/19/2005
To Expire: 12/19/2006

APPLICANT:

GEOCON CONSULTANTS, INC
2356 RESEARCH DR
LIVERMORE,CA 94550

CONTRACTOR:

GEOCON CONSULTANTS, INC
2356 RESEARCH DR
LIVERMORE,CA 94550

License #

Contact: LOVE JOHN
925 371 5900
Bonding Co: $2,000.00 CASH BOND Bond #: REC# 1979021 Exp. Date:
Insurance Co: GREENWICH INSURANCE CO Policy #: GEC000025305 Exp. Date: 01/01/2006

Permittee agrees to accept all responsibility for loss or damage to any person or entity and to indemnify, hold harmless, and defend and release County of Sonoma, its agents, and employees from and against any and all liability actions, claims, damages, costs, or expenses which may be asserted by any person or entity, including Permittee, arising out of or in connection with the willful act or negligence of Permittee performing the work associated with this Encroachment Permit, whether or not there is concurrent negligence on the part of the County, but excluding liability due to the sole active negligence or sole willful misconduct of County.

THE PERMITTEE AGREES THAT THE EVENT ACTIVITY WILL BE CONDUCTED IN ACCORDANCE WITH AND SUBJECT TO THIS PERMIT'S TERMS AND CONDITIONS, THE STATE VEHICLE CODE, THE STATE STREETS AND HIGHWAYS CODE AND IS SUBJECT TO INSPECTION AND APPROVAL.

This permit is to be strictly construed and no work other than that specifically mentioned below is authorized hereby. Whenever Engineer concludes persons performing encroachment work are not complying with the provisions of this permit, Engineer may revoke permit. Subject to all the terms, conditions and restrictions written hereon or attached hereto, permission is hereby granted Permittee to:

DRILL THREE (3) SOIL BORINGS ALONG THE WEST SIDE OF SANTA ROSA AVE PER ATTACHED ATC ASSOC INC DRAWING, .32 - .35 MILES NORTH OF EAST ROBLES AVE, LOCATED IN SANTA ROSA.

ATTACHMENTS:
( ) Special Provisions
(X) Signing
( ) Standard Drawings
(X) Permit Plans
(X) Standard Conditions (8-12-92)
(X) Backfill from Approved Source

COMPLETION CERTIFICATION

Permit Inspected By: _____

Date: _____

APPROVED: Chris Anderson 12/20/05
DeWayne Starnes Date
Deputy Road Commissioner

Road Yard: COTATI Area No. 23

Refunds will not be authorized unless circumstances comply with established PRMD refund policy provisions.

COUNTY OF SONOMA — DEPARTMENT OF H_ _TH SERVICES
ENVIRONMENTAL HEALTH DIVISION
475 Aviation Blvd., Suite 220, Santa Rosa, CA 95403
Phone (707) 565-6565 Fax (707) 565-6525 www.sonoma-county.org

APPLICATION FOR DRILLING PERMIT
for Regional Board Lead/Environmental Assessment / LOP Lead

RECEIVED JAN 11 2006 By

For Office Use Only
Amount paid $657.72
Receipt number 730B
Payment date 12.15.05 Rev. code 1343
Site ID# 2035
Permit # 4895 HMW 4896 HMW
MW SB

Well type: [X] Monitoring well [ ] Recovery extraction well [ ] Boring [ ] Injection well [ ] Destruct [ ] Environmental assessment
[ ] Soil gas survey [X] Direct push [ ] Air sparging/venting [ ] Remediation well [ ] Other

Well depth 20' Boring depth 20 3/3 C.J.

On-site well/boring ____ ID # ____ # Off-site well/boring ~~3~~ 6 ID # MW-8, MW-9, MW-10, B-1, B-2, B-3

Submit legal right-of-entry/off-site well address/encroachment permit

On-site Address 3185 Santa Rosa Ave, Santa Rosa AP# ____

Facility Name Former Gasamat #953

On-site Owner Hosain Azizian Phone ____

Street 1985 Broadway St. City Vallejo State CA Zip 94589

Responsible Party Gasamat Oil Corp. of Colorado Phone (303) 442-2520

Street 3223 Arapahoe Ave, #201 City Boulder State CO Zip 80303

Consultant Geocon Consultants, Inc. Phone (925) 371-5900

Street 2356 Research Dr. City Livermore State CA Zip 94550

License #/Type 716050 / C57 + A

Drilling Contractor Gregg Drilling + Testing Phone (925) 313-5800

Street 950 Howe Rd. City Martinez State CA Zip 94553

C-57 License # 485165

Type of work: [ ] Initial investigation ____ # Wells [X] Subsequent investigation 3 # Wells [ ] Destruct ____ # Wells

Groundwater investigation due to: [X] Underground tank [ ] Surface impoundment [ ] Environmental assessment
[ ] Surface disposal practice—specify involved industry ____
[ ] Other ____

Perforated intervals ____ Chemical constituents TPHg, BTEX, MTBE

Disposal method for soil cuttings Landfill Disposal method for development water recycle (offsite)

Drilling method Hollowstem auger / direct push Method of drill equip. rinsate containment 55 gal drum

If destroying a well, abandonment method ____

Submit plot plan of wells in relation to all sewer or septic lines.

Is well to be constructed within: 100 feet of a septic tank or leachfield? [ ] Yes [X] No
50 feet of any sanitary sewer line? [X] Yes [ ] No
25 feet of any private sanitary sewer line? [ ] Yes [X] No

001343D
WELL PER 657.72
TTLAMT 657.72
CHECKS 657.72
CHANGE 0.00
730B #2 15:21

In addition, all monitoring wells must include ***identification system*** affixed to interior surface:
1) Well identification 2) Well type 3) Well depth 4) Well casing diameter 5) Perforated intervals 12/15/05

Well identification number and well type shall be ***affixed*** to the ***exterior surface*** security structure.

For Office Use Only

Address 3185 Santa Rosa Ave.

Site ID# 2035

Permit # 4895 HMW 4896 HMW

(MW) (SB)

I hereby agree to comply with all laws and regulations of the County of Sonoma and State of California pertaining to water well construction. I will telephone (707) 565-6565, 48 hours in advance, to notify the Environmental Health Specialist when completing or destroying a well. I will furnish the Director of Health Services and the owner a legible copy of the State Water Well Driller's Report within 15 days; and a copy of the Summary Report, including sample results, should be received by this Department within 90 days in order to obtain final approval on this well permit. I acknowledge that the application will become a permit ***only*** after site approval and payment of fee. I understand that this permit is not transferable and expires one year from date of issuance.

Christopher Pom Date 12/15/05

Signature of Well Driller—***no proxies***

Insurance Carrier SeaBright BB105026l Expiration Date 8/21/06

Once all wells/borings are installed, submit a Well Driller's Log and/or Summary Report to complete permit process.

Indicate on attached plot plan the exact location of well(s) with respect to the following items: property lines, water bodies or water courses drainage pattern, roads, existing wells, sewer main and laterals and private sewage disposal systems or other sources of contamination or pollution. INCLUDE DIMENSIONS. The validity of this permit depends upon the accuracy of the information provided by the applicant.

Conditions of permit:

FOR OFFICE USE ONLY – ENVIRONMENTAL HEALTH DIVISION

Permit approved by Cuyler Imm Date 1/9/06

Constr. approved by _____ Observed? [ ] Yes [ ] No Well # _____ Date ___/___/___

RWQCB / LOP approval Cuyler Imm Date 12/20/05

COUNTY OF SONOMA DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL HEALTH DIVISION

3273 Airway Drive, Suite D ❖ Santa Rosa, CA 95403
(707) 565-6565 ❖ FAX (707) 565-6525 ❖ www.sonoma-county.org

ATTACHMENT 3

Exemption for Proposed Monitoring Well

The proposed location(s) for installation of monitoring wells at the subject site are not in conformance with setback requirements in the water well ordinance for Sonoma County. These setback requirements were implemented to protect groundwater from possible known sources of contamination.

An exemption will be granted for well(s) MW-8, MW-9

at this subject site: 3185 Santa Rosa Ave, Santa Rosa, CA

if the following conditions are met:

1. Monitoring wells will be constructed to standards that prevent the contamination of groundwater from a sewage disposal system.
2. Monitoring wells not in conformance with minimum setback requirements shall be sampled every six (6) months for nitrate. The samples will be used as indicators of possible sewage contamination from nearby sewage lines.

I agree to comply with the above requirements for the proposed well(s):

[signature]	Geocon Consultants, Inc.
Signature of Responsible Party or Agent	Company
Sr. Project Geologist	
Title	Date

For office use only

Exemption approved [signature] Date 1/1/06

APPENDIX C

PROJECT NO. E8299-06-01

BORING/WELL NO. SB-1

DATE DRILLED 2/2/06 WATER LEVEL (ATD) 7'

EQUIPMENT GEOPROBE DRILLER GREGG DRILLING

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	WELL CONSTRUCTION	HEADSPACE (PPM)
1				**CONCRETE**		
				BASE ROCK, poor recovery to 4 feet		
2						
3						
4						
5				Firm, moist, brown, sandy CLAY (CL), fine sand, low plasticity, no odor		0
6				Firm, moist, bluish green, sandy CLAY (CL/ML), fine sand, slight to low plasticity, no odor		
7				Firm, moist, silty SAND/clayey SAND (ML/SC), fine sand, slight to low plasticity, no odor		1.4
8				Firm, very moist to saturated, bluish green, silty SAND (SM), no to slight plasticity, slight petroleum odor		
9				BORING TERMINATED AT 8 FEET		
10						
11						
12						
13						
14						

ENV_WELL E8299-06-01 FORMER GASAMAT - SANTA ROSA.GPJ 03/14/06

CASING ELEVATION:	QUANTITY OF FILTER MATERIAL:
DIAMETER & TYPE OF CASING:	WELL SEAL & INTERVAL:
CASING INTERVAL:	WELL SEAL QUANTITY:
WELL SCREEN:	ANNULUS SEAL/INTERVAL:
SCREEN INTERVAL:	ADDITIVES:
WELL COVER:	WELL DEPTH:
FILTERPACK/INTERVAL:	ENGINEER/GEOLOGIST: **JOHN LOVE**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

PROJECT NO. E8299-06-01

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	**BORING/WELL NO. SB-2** DATE DRILLED 2/2/06 WATER LEVEL (ATD) 9.5' EQUIPMENT GEOPROBE DRILLER GREGG DRILLING	WELL CONSTRUCTION	HEADSPACE (PPM)
				SOIL DESCRIPTION		
1				**CONCRETE** **BASE ROCK**, poor recovery to 4 feet		
2						
3						
4						
5				Firm, moist, brown, silty SAND (SM), poorly graded, fine sand, no odor, poor recovery Approximately 8" well graded, moist to saturated sand at end of sample tube		o
6						
7						
8				Firm, moist, silty SAND (SM/ML), fine sand, slight plasticity, no odor		
9						
10				Loose, saturated, sandy GRAVEL (GW/SW), well graded sand, fine rounded gravel, no odor		o
11						
12				BORING TERMINATED AT 12 FEET		
13						
14						
15						
16						
17						

ENV_WELL E8299-06-01 FORMER GASAMAT - SANTA ROSA.GPJ 02/15/06

CASING ELEVATION:	QUANTITY OF FILTER MATERIAL:
DIAMETER & TYPE OF CASING:	WELL SEAL & INTERVAL:
CASING INTERVAL:	WELL SEAL QUANTITY:
WELL SCREEN:	ANNULUS SEAL/INTERVAL:
SCREEN INTERVAL:	ADDITIVES:
WELL COVER:	WELL DEPTH:
FILTERPACK/INTERVAL:	ENGINEER/GEOLOGIST: **JOHN LOVE**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

PROJECT NO. E8299-06-01

BORING/WELL NO. SB-3

DATE DRILLED 2/2/06 WATER LEVEL (ATD) 14.5'

EQUIPMENT GEOPROBE DRILLER GREGG DRILLING

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	WELL CONSTRUCTION	HEADSPACE (PPM)
1				**CONCRETE**		
2				**BASE ROCK**, poor recovery to 4 feet		
3						
4						
5				Firm, moist, brown, sandy CLAY (CL), fine sand, low to medium plasticity, no odor		o
6						
7						
8						
9						
10						o
11						
12						
13						
14						
15				Dense, saturated, well graded SAND (SW), some fine gravel, no odor		o
16				BORING TERMINATED AT 16 FEET		
17						

Log of Boring SB-3, page 1 of 1

ENV_WELL E8299-06-01 FORMER GASAMAT - SANTA ROSA.GPJ 02/15/06

CASING ELEVATION:	QUANTITY OF FILTER MATERIAL:
DIAMETER & TYPE OF CASING:	WELL SEAL & INTERVAL:
CASING INTERVAL:	WELL SEAL QUANTITY:
WELL SCREEN:	ANNULUS SEAL/INTERVAL:
SCREEN INTERVAL:	ADDITIVES:
WELL COVER:	WELL DEPTH:
FILTERPACK/INTERVAL:	ENGINEER/GEOLOGIST: **JOHN LOVE**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

PROJECT NO. E8299-06-01

BORING/WELL NO. MW-8

DATE DRILLED 2/3/06 WATER LEVEL (ATD) 13.5'

EQUIPMENT MOBILE B-61 DRILLER GREGG DRILLING

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	WELL CONSTRUCTION	HEADSPACE (PPM)
1				**ASPHALT AND BASE**		
2				Firm, moist, dark brown, sandy CLAY (CL), fine sand, low to medium plasticity, no odor		
3						
4						
5	14			Firm, moist, brown, sandy CLAY (CL), fine sand, low plasticity, no odor		0
6						
7						
8						0
9	16			Firm, moist, light brown to gray, silty CLAY (CL), low to medium plasticity, no odor		
10						
11						
12						
13						
14	17			Firm, saturated, brown, silty SAND (SM), predominantly fine sand with some fine gravel, no odor		0
15						
16						
17						
18						
19	50 for 6"			Very dense, saturated, GRAVEL (GW), well graded sand, fine, subangular to rounded gravel, no odor		0
20				BORING TERMINATED AT 20 FEET		
21						
22						
23						

ENV_WELL E8299-06-01 FORMER GASAMAT - SANTA ROSA.GPJ 03/14/06

CASING ELEVATION:	QUANTITY OF FILTER MATERIAL:
DIAMETER & TYPE OF CASING: **2" PVC**	WELL SEAL & INTERVAL: **BENTONITE / 7' - 9'**
CASING INTERVAL: **0-20'**	WELL SEAL QUANTITY:
WELL SCREEN: **0.020"**	ANNULUS SEAL/INTERVAL: **PORTLAND CEMENT / 0' - 7'**
SCREEN INTERVAL: **10' - 20'**	ADDITIVES:
WELL COVER:	WELL DEPTH: **20'**
FILTERPACK/INTERVAL: **#3 SAND / 9' - 20'**	ENGINEER/GEOLOGIST: **JOHN LOVE**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

PROJECT NO. E8299-06-01

BORING/WELL NO. MW-9

DATE DRILLED 2/3/06 WATER LEVEL (ATD) 13.5'

EQUIPMENT MOBILE B-61 DRILLER GREGG DRILLING

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	WELL CONSTRUCTION	HEADSPACE (PPM)
1				**ASPHALT AND BASE**		
2				Firm, moist, dark brown to brown, sandy CLAY (CL), fine sand, low to medium plasticity, no odor		
3						
4						
5	23			Firm, moist, brown, clayey SAND (SC), fine sand, slight to low plasticity, no odor		0
6						
7				Grades into silty sand		
8						
9	30			Dense, moist, silty SAND/sand (SM/SW), no odor		0
10						
11						
12						
13						
14	50 at 4"			Very dense, saturated, SAND (SW), well graded sand, some fine gravel, no odor		0
15						
16						
17						
18						
19	80			Very dense, saturated, GRAVEL (GW), fine angular gravel, some well graded sand, no odor		0
20				BORING TERMINATED AT 20 FEET		
21						
22						
23						

ENV_WELL E8299-06-01 FORMER GASAMAT - SANTA ROSA.GPJ 03/14/06

CASING ELEVATION:	QUANTITY OF FILTER MATERIAL:
DIAMETER & TYPE OF CASING: **2" PVC**	WELL SEAL & INTERVAL: **BENTONITE / 7' - 9'**
CASING INTERVAL: **0-20'**	WELL SEAL QUANTITY:
WELL SCREEN: **0.020"**	ANNULUS SEAL/INTERVAL: **PORTLAND CEMENT / 0' - 7'**
SCREEN INTERVAL: **10' - 20'**	ADDITIVES:
WELL COVER:	WELL DEPTH: **20'**
FILTERPACK/INTERVAL: **#3 SAND / 9' - 20'**	ENGINEER/GEOLOGIST: **JOHN LOVE**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

PROJECT NO. E8299-06-01

BORING/WELL NO. MW-10

DATE DRILLED 2/3/06 WATER LEVEL (ATD) 17'

EQUIPMENT MOBILE B-61 DRILLER GREGG DRILLING

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	SOIL DESCRIPTION	WELL CONSTRUCTION	HEADSPACE (PPM)
1				**ASPHALT AND BASE**		
2				Firm, moist, dark brown to brown, sandy CLAY (CL), fine sand, low to medium plasticity, no odor		
3						
4						
5	44			Stiff, moist, brown with yellowish brown, sandy CLAY (CL), predominantly fine sand with some coarse sand, low plasticity, no odor		o
6						
7						
8						
9	30			Very stiff, moist, brown with gray, sandy CLAY (CL), fine sand, low plasticity, no odor		o
10						
11						
12						
13						
14	18			Dense to stiff, moist, light brown, clayey SAND/sandy CLAY (SC/CL), fine sand, slight to low plasticity, no odor		o
15						
16						
17				Soft clayey sand on auger flights, probable water producing zone		
18						
19	12			Dense to stiff, moist, light brown, clayey SAND/sandy CLAY (SC/CL), fine sand, slight to low plasticity, no odor		o
20				BORING TERMINATED AT 20 FEET		
21						
22						
23						

ENV_WELL E8299-06-01 FORMER GASAMAT - SANTA ROSA.GPJ 03/14/06

CASING ELEVATION:	QUANTITY OF FILTER MATERIAL:
DIAMETER & TYPE OF CASING: **2" PVC**	WELL SEAL & INTERVAL: **BENTONITE / 7' - 9'**
CASING INTERVAL: **0-20'**	WELL SEAL QUANTITY:
WELL SCREEN: **0.020"**	ANNULUS SEAL/INTERVAL: **PORTLAND CEMENT / 0' - 7'**
SCREEN INTERVAL: **10' - 20'**	ADDITIVES:
WELL COVER:	WELL DEPTH: **20'**
FILTERPACK/INTERVAL: **#3 SAND / 9' - 20'**	ENGINEER/GEOLOGIST: **JOHN LOVE**

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

APPENDIX D

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

John Love
Geocon Consultants
2356 Research Drive
Livermore, CA 94550

Lab Certificate Number: 47698
Issued: 02/14/2006

Project Number: E8299-06-01
Project Name: Gasmat
Project Location: Santa Rosa

Global ID: T0609700489

Certificate of Analysis - Final Report

On February 03, 2006, samples were received under chain of custody for analysis.
Entech analyzes samples "as received" unless otherwise noted. The following results are included:

Matrix	Test	Comments
Liquid	EPA 8260B - GC/MS	
	TPH as Gasoline by GC/MS	
Solid	Electronic Deliverables	
	EPA 8260B - GC/MS	
	TPH as Gasoline by GC/MS	

Entech Analytical Labs, Inc. is certified for environmental analyses by the State of California (#2346).
If you have any questions regarding this report, please call us at 408-588-0200 ext. 225.

Sincerely,

Laurie Glantz-Murphy
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Geocon Consultants
2356 Research Drive
Livermore, CA 94550
Attn: John Love

Project Number: E8299-06-01
Project Name: Gasmat
Project Location: Santa Rosa
GlobalID: T0609700489

Certificate of Analysis - Data Report

Samples Received: 02/03/2006
Sample Collected by: Client

Lab # : 47698-001 **Sample ID: SB-1** **Matrix:** Solid **Sample Date:** 2/2/2006 10:30 AM

EPA 5035A - EPA 8260B - GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	74.2	60 - 130
Dibromofluoromethane	80.0	60 - 130
Toluene-d8	76.0	60 - 130

Analyzed by: MFelix
Reviewed by: MaiChiTu

EPA 5035A - TPH as Gasoline by GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	140		1.0	50	µg/Kg	N/A	N/A	2/14/2006	SM3060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	68.7	60 - 130
Dibromofluoromethane	83.8	60 - 130
Toluene-d8	72.1	60 - 130

Analyzed by: MFelix
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Geocon Consultants
2356 Research Drive
Livermore, CA 94550
Attn: John Love

Project Number: E8299-06-01
Project Name: Gasmat
Project Location: Santa Rosa
GlobalID: T0609700489

Certificate of Analysis - Data Report

Samples Received: 02/03/2006
Sample Collected by: Client

Lab # : 47698-002 **Sample ID: SB-1** **Matrix:** Liquid **Sample Date:** 2/2/2006 10:35 AM

EPA 5030C - EPA 8260B - GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		5.0	2.5	µg/L	N/A	N/A	2/10/2006	WM1060210
Toluene	ND		5.0	2.5	µg/L	N/A	N/A	2/10/2006	WM1060210
Ethyl Benzene	ND		5.0	2.5	µg/L	N/A	N/A	2/10/2006	WM1060210
Xylenes, Total	ND		5.0	2.5	µg/L	N/A	N/A	2/10/2006	WM1060210
Methyl-t-butyl Ether	310		5.0	5.0	µg/L	N/A	N/A	2/10/2006	WM1060210

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	98.2	60 - 130
Dibromofluoromethane	107	60 - 130
Toluene-d8	103	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

EPA 5030C - TPH as Gasoline by GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	150		5.0	120	µg/L	N/A	N/A	2/10/2006	WM1060210

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	92.5	60 - 130
Dibromofluoromethane	96.7	60 - 130
Toluene-d8	98.6	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Geocon Consultants
2356 Research Drive
Livermore, CA 94550
Attn: John Love

Project Number: E8299-06-01
Project Name: Gasmat
Project Location: Santa Rosa
GlobalID: T0609700489

Certificate of Analysis - Data Report

Samples Received: 02/03/2006
Sample Collected by: Client

Lab # : 47698-003 **Sample ID: SB-2** **Matrix:** Solid **Sample Date:** 2/2/2006 11:00 AM

EPA 5035A - EPA 8260B - GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/11/2006	SM3060211
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/11/2006	SM3060211
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/11/2006	SM3060211
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	2/11/2006	SM3060211
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/11/2006	SM3060211

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	75.8	60 - 130
Dibromofluoromethane	80.4	60 - 130
Toluene-d8	77.0	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A - TPH as Gasoline by GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	50	µg/Kg	N/A	N/A	2/11/2006	SM3060211

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	69.5	60 - 130
Dibromofluoromethane	83.4	60 - 130
Toluene-d8	72.4	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Geocon Consultants
2356 Research Drive
Livermore, CA 94550
Attn: John Love

Project Number: E8299-06-01
Project Name: Gasmat
Project Location: Santa Rosa
GlobalID: T0609700489

Certificate of Analysis - Data Report

Samples Received: 02/03/2006
Sample Collected by: Client

Lab # : 47698-004 **Sample ID: SB-2** **Matrix:** Liquid **Sample Date:** 2/2/2006 11:05 AM

EPA 5030C - EPA 8260B - GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	120		10	5.0	µg/L	N/A	N/A	2/10/2006	WM1060210
Toluene	ND		10	5.0	µg/L	N/A	N/A	2/10/2006	WM1060210
Ethyl Benzene	ND		10	5.0	µg/L	N/A	N/A	2/10/2006	WM1060210
Xylenes, Total	ND		10	5.0	µg/L	N/A	N/A	2/10/2006	WM1060210
Methyl-t-butyl Ether	130		10	10	µg/L	N/A	N/A	2/10/2006	WM1060210

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	100	60 - 130
Dibromofluoromethane	101	60 - 130
Toluene-d8	103	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

EPA 5030C - TPH as Gasoline by GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	360		10	250	µg/L	N/A	N/A	2/10/2006	WM1060210

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	94.8	60 - 130
Dibromofluoromethane	91.1	60 - 130
Toluene-d8	98.4	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Geocon Consultants
2356 Research Drive
Livermore, CA 94550
Attn: John Love

Project Number: E8299-06-01
Project Name: Gasmat
Project Location: Santa Rosa
GlobalID: T0609700489

Certificate of Analysis - Data Report

Samples Received: 02/03/2006
Sample Collected by: Client

Lab # : 47698-005 **Sample ID: SB-3** **Matrix:** Solid **Sample Date:** 2/2/2006 11:35 AM

EPA 5035A - EPA 8260B - GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Toluene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Ethyl Benzene	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Xylenes, Total	ND		1.0	10	µg/Kg	N/A	N/A	2/14/2006	SM3060213
Methyl-t-butyl Ether	ND		1.0	5.0	µg/Kg	N/A	N/A	2/14/2006	SM3060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	77.7	60 - 130
Dibromofluoromethane	76.7	60 - 130
Toluene-d8	77.8	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

EPA 5035A - TPH as Gasoline by GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	50	µg/Kg	N/A	N/A	2/14/2006	SM3060213

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	71.0	60 - 130
Dibromofluoromethane	80.7	60 - 130
Toluene-d8	73.0	60 - 130

Analyzed by: Mfelix
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Geocon Consultants
2356 Research Drive
Livermore, CA 94550
Attn: John Love

Project Number: E8299-06-01
Project Name: Gasmat
Project Location: Santa Rosa
GlobalID: T0609700489

Certificate of Analysis - Data Report

Samples Received: 02/03/2006
Sample Collected by: Client

Lab # : 47698-006 **Sample ID: SB-3** **Matrix:** Liquid **Sample Date:** 2/2/2006 11:40 AM

EPA 5030C - EPA 8260B - GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
Benzene	ND		1.0	0.50	µg/L	N/A	N/A	2/10/2006	WM1060210
Toluene	ND		1.0	0.50	µg/L	N/A	N/A	2/10/2006	WM1060210
Ethyl Benzene	ND		1.0	0.50	µg/L	N/A	N/A	2/10/2006	WM1060210
Xylenes, Total	ND		1.0	0.50	µg/L	N/A	N/A	2/10/2006	WM1060210
Methyl-t-butyl Ether	22		1.0	1.0	µg/L	N/A	N/A	2/10/2006	WM1060210

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	100	60 - 130
Dibromofluoromethane	107	60 - 130
Toluene-d8	103	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

EPA 5030C - TPH as Gasoline by GC/MS

Parameter	Result	Qual	D/P-F	Detection Limit	Units	Prep Date	Prep Batch	Analysis Date	QC Batch
TPH as Gasoline	ND		1.0	25	µg/L	N/A	N/A	2/10/2006	WM1060210

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	94.5	60 - 130
Dibromofluoromethane	96.4	60 - 130
Toluene-d8	97.8	60 - 130

Analyzed by: XBian
Reviewed by: MaiChiTu

Detection Limit = Detection Limit for Reporting.
D/P-F = Dilution and/or Prep Factor includes sample volume adjustments.
ND = Not Detected at or above the Detection Limit.
Qual = Data Qualifier

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

Method Blank - Solid - EPA 8260B - GC/MS

QC Batch ID: SM3060211

Validated by: MaiChiTu - 02/13/06

QC Batch Analysis Date: 2/11/2006

Parameter	Result	DF	PQLR	Units
Benzene	ND	1	5.0	µg/Kg
Ethyl Benzene	ND	1	5.0	µg/Kg
Methyl-t-butyl Ether	ND	1	5.0	µg/Kg
Toluene	ND	1	5.0	µg/Kg
Xylenes, Total	ND	1	10	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**71.9**	60 - 130
Dibromofluoromethane	**80.2**	60 - 130
Toluene-d8	**76.9**	60 - 130

Method Blank - Solid - TPH as Gasoline by GC/MS

QC Batch ID: SM3060211

Validated by: MaiChiTu - 02/13/06

QC Batch Analysis Date: 2/11/2006

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	50	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**67.3**	60 - 130
Dibromofluoromethane	**82.4**	60 - 130
Toluene-d8	**73.8**	60 - 130

Entech Analytical Labs, Inc.

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Method Blank - Solid - EPA 8260B - GC/MS

QC Batch ID: SM3060213

Validated by: MaiChiTu - 02/14/06

QC Batch Analysis Date: 2/13/2006

Parameter	Result	DF	PQLR	Units
Benzene	ND	1	5.0	µg/Kg
Ethyl Benzene	ND	1	5.0	µg/Kg
Methyl-t-butyl Ether	ND	1	5.0	µg/Kg
Toluene	ND	1	5.0	µg/Kg
Xylenes, Total	ND	1	10	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**74.9**	60 - 130
Dibromofluoromethane	**80.6**	60 - 130
Toluene-d8	**77.1**	60 - 130

Method Blank - Solid - TPH as Gasoline by GC/MS

QC Batch ID: SM3060213

Validated by: MaiChiTu - 02/14/06

QC Batch Analysis Date: 2/13/2006

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	50	µg/Kg

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**69.6**	60 - 130
Dibromofluoromethane	**84.5**	60 - 130
Toluene-d8	**73.4**	60 - 130

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Method Blank - Liquid - EPA 8260B - GC/MS

QC Batch ID: WM1060210

Validated by: MaiChiTu - 02/13/06

QC Batch Analysis Date: 2/10/2006

Parameter	Result	DF	PQLR	Units
Benzene	ND	1	0.50	µg/L
Ethyl Benzene	ND	1	0.50	µg/L
Methyl-t-butyl Ether	ND	1	1.0	µg/L
Toluene	ND	1	0.50	µg/L
Xylenes, Total	ND	1	0.50	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**97.1**	60 - 130
Dibromofluoromethane	**96.6**	60 - 130
Toluene-d8	**103**	60 - 130

Method Blank - Liquid - TPH as Gasoline by GC/MS

QC Batch ID: WM1060210

Validated by: MaiChiTu - 02/13/06

QC Batch Analysis Date: 2/10/2006

Parameter	Result	DF	PQLR	Units
TPH as Gasoline	ND	1	25	µg/L

Surrogate for Blank	% Recovery	Control Limits
4-Bromofluorobenzene	**91.5**	60 - 130
Dibromofluoromethane	**87.2**	60 - 130
Toluene-d8	**97.9**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

LCS / LCSD - Solid - EPA 8260B - GC/MS

QC Batch ID: SM3060211 Reviewed by: MaiChiTu - 02/13/06

QC Batch ID Analysis Date: 2/11/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<5.0	40	35.8	µg/Kg	89.5	70 - 135
Benzene	<5.0	40	33.6	µg/Kg	84.0	70 - 135
Chlorobenzene	<5.0	40	34.4	µg/Kg	86.0	70 - 135
Methyl-t-butyl Ether	<5.0	40	28.6	µg/Kg	71.5	70 - 135
Toluene	<5.0	40	34.1	µg/Kg	85.2	70 - 135
Trichloroethene	<5.0	40	34.7	µg/Kg	86.8	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**77.5**	60 - 130
Dibromofluoromethane	**91.5**	60 - 130
Toluene-d8	**80.1**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<5.0	40	40.7	µg/Kg	102	**13**	30.0	70 - 135
Benzene	<5.0	40	40.7	µg/Kg	102	**19**	30.0	70 - 135
Chlorobenzene	<5.0	40	41.2	µg/Kg	103	**18**	30.0	70 - 135
Methyl-t-butyl Ether	<5.0	40	31.1	µg/Kg	77.8	**8.4**	30.0	70 - 135
Toluene	<5.0	40	40.5	µg/Kg	101	**17**	30.0	70 - 135
Trichloroethene	<5.0	40	42.7	µg/Kg	107	**21**	30.0	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**75.0**	60 - 130
Dibromofluoromethane	**83.8**	60 - 130
Toluene-d8	**79.4**	60 - 130

LCS / LCSD - Solid - TPH as Gasoline by GC/MS

QC Batch ID: SM3060211 Reviewed by: MaiChiTu - 02/13/06

QC Batch ID Analysis Date: 2/11/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<50	250	285	µg/Kg	114	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**69.8**	60 - 130
Dibromofluoromethane	**80.7**	60 - 130
Toluene-d8	**70.5**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<50	250	254	µg/Kg	102	**12**	30.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**68.6**	60 - 130
Dibromofluoromethane	**83.0**	60 - 130
Toluene-d8	**71.6**	60 - 130

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LCS / LCSD - Solid - EPA 8260B - GC/MS

QC Batch ID: SM3060213

Reviewed by: MaiChiTu - 02/14/06

QC Batch ID Analysis Date: 2/13/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
1,1-Dichloroethene	<5.0	40	43.4	µg/Kg	108	70 - 135
Benzene	<5.0	40	45.2	µg/Kg	113	70 - 135
Chlorobenzene	<5.0	40	44.7	µg/Kg	112	70 - 135
Methyl-t-butyl Ether	<5.0	40	33.3	µg/Kg	83.2	70 - 135
Toluene	<5.0	40	44.5	µg/Kg	111	70 - 135
Trichloroethene	<5.0	40	45.9	µg/Kg	115	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**77.9**	60 - 130
Dibromofluoromethane	**81.0**	60 - 130
Toluene-d8	**79.7**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
1,1-Dichloroethene	<5.0	40	37.8	µg/Kg	94.5	**14**	30.0	70 - 135
Benzene	<5.0	40	41.5	µg/Kg	104	**8.5**	30.0	70 - 135
Chlorobenzene	<5.0	40	39.5	µg/Kg	98.8	**12**	30.0	70 - 135
Methyl-t-butyl Ether	<5.0	40	29.8	µg/Kg	74.5	**11**	30.0	70 - 135
Toluene	<5.0	40	39.0	µg/Kg	97.5	**13**	30.0	70 - 135
Trichloroethene	<5.0	40	42.2	µg/Kg	106	**8.4**	30.0	70 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**72.0**	60 - 130
Dibromofluoromethane	**77.3**	60 - 130
Toluene-d8	**77.9**	60 - 130

LCS / LCSD - Solid - TPH as Gasoline by GC/MS

QC Batch ID: SM3060213

Reviewed by: MaiChiTu - 02/14/06

QC Batch ID Analysis Date: 2/13/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<50	250	290	µg/Kg	116	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**67.8**	60 - 130
Dibromofluoromethane	**83.8**	60 - 130
Toluene-d8	**73.5**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<50	250	255	µg/Kg	102	**13**	30.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**68.1**	60 - 130
Dibromofluoromethane	**78.3**	60 - 130
Toluene-d8	**72.0**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

LCS / LCSD - Liquid - EPA 8260B - GC/MS

QC Batch ID: WM1060210 Reviewed by: MaiChiTu - 02/13/06

QC Batch ID Analysis Date: 2/10/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
Benzene	<0.50	20	21.3	µg/L	106	70 - 130
Methyl-t-butyl Ether	<1.0	20	21.2	µg/L	106	70 - 130
Toluene	<0.50	20	20.2	µg/L	101	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**97.5**	60 - 130
Dibromofluoromethane	**99.8**	60 - 130
Toluene-d8	**96.9**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	<0.50	20	21.2	µg/L	106	**0.47**	25.0	70 - 130
Methyl-t-butyl Ether	<1.0	20	19.5	µg/L	97.5	**8.4**	25.0	70 - 130
Toluene	<0.50	20	20.7	µg/L	104	**2.4**	25.0	70 - 130

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**98.4**	60 - 130
Dibromofluoromethane	**96.3**	60 - 130
Toluene-d8	**97.1**	60 - 130

LCS / LCSD - Liquid - TPH as Gasoline by GC/MS

QC Batch ID: WM1060210 Reviewed by: MaiChiTu - 02/13/06

QC Batch ID Analysis Date: 2/10/2006

LCS

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	Recovery Limits
TPH as Gasoline	<25	120	129	µg/L	103	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**81.5**	60 - 130
Dibromofluoromethane	**76.5**	60 - 130
Toluene-d8	**104.0**	60 - 130

LCSD

Parameter	Method Blank	Spike Amt	SpikeResult	Units	% Recovery	RPD	RPD Limits	Recovery Limits
TPH as Gasoline	<25	120	144	µg/L	115	**11**	25.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**94.3**	60 - 130
Dibromofluoromethane	**88.4**	60 - 130
Toluene-d8	**99.2**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

MS / MSD - Solid - EPA 8260B - GC/MS

QC Batch ID: SM3060211

Reviewed by: MaiChiTu - 02/13/06

QC Batch ID Analysis Date: 2/11/2006

MS Sample Spiked: 47698-003

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
Benzene	ND	40	48.6	µg/Kg	2/11/2006	122	65 - 135
Methyl-t-butyl Ether	ND	40	31.4	µg/Kg	2/11/2006	78.5	65 - 135
Toluene	ND	40	43.5	µg/Kg	2/11/2006	109	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**71.8**	60 - 130
Dibromofluoromethane	**81.5**	60 - 130
Toluene-d8	**76.2**	60 - 130

MSD Sample Spiked: 47698-003

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	ND	40	46.8	µg/Kg	2/11/2006	117	3.8	30.0	65 - 135
Methyl-t-butyl Ether	ND	40	31.3	µg/Kg	2/11/2006	78.2	0.32	30.0	65 - 135
Toluene	ND	40	45.7	µg/Kg	2/11/2006	114	4.9	30.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**76.8**	60 - 130
Dibromofluoromethane	**82.2**	60 - 130
Toluene-d8	**81.4**	60 - 130

Entech Analytical Labs, Inc.

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MS / MSD - Solid - EPA 8260B - GC/MS

QC Batch ID: SM3060213

Reviewed by: MaiChiTu - 02/14/06

QC Batch ID Analysis Date: 2/13/2006

MS Sample Spiked: 47795-013

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	Recovery Limits
Benzene	ND	40	44.5	µg/Kg	2/13/2006	111	65 - 135
Methyl-t-butyl Ether	ND	40	34.9	µg/Kg	2/13/2006	87.2	65 - 135
Toluene	ND	40	43.4	µg/Kg	2/13/2006	108	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**75.9**	60 - 130
Dibromofluoromethane	**81.4**	60 - 130
Toluene-d8	**78.4**	60 - 130

MSD Sample Spiked: 47795-013

Parameter	Sample Result	Spike Amount	Spike Result	Units	Analysis Date	% Recovery	RPD	RPD Limits	Recovery Limits
Benzene	ND	40	43.0	µg/Kg	2/13/2006	108	3.4	30.0	65 - 135
Methyl-t-butyl Ether	ND	40	34.6	µg/Kg	2/13/2006	86.5	0.86	30.0	65 - 135
Toluene	ND	40	40.1	µg/Kg	2/13/2006	100	7.9	30.0	65 - 135

Surrogate	% Recovery	Control Limits
4-Bromofluorobenzene	**71.1**	60 - 130
Dibromofluoromethane	**81.3**	60 - 130
Toluene-d8	**76.0**	60 - 130

Entech Analytical Labs, Inc.

3334 Victor Court (408) 588-0200
Santa Clara, CA 95054 (408) 588-0201 - Fax

Chain of Custody / Analysis Request

Attention to: John Love	Phone No.: (925) 371-5900	Purchase Order No.:	Invoice to: (If Different)	Phone:	
Company Name: Geocon Consultants	Fax No.: (925) 371-5915	Project No.: E8299-06-01	Company:	Quote No.:	
Mailing Address: 2356 Research Dr.	Email Address: love@geoconinc.com	Project Name: Cavamat - Santa Rosa	Billing Address: (If Different)		
City: Livermore	State: CA	Zip Code: 94550	Project Location:	City:	State: / Zip:

Sampler: J. Love | Field Org. Code:

Global ID: T0609700489

Turn Around Time: ☐ Same Day ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 4 Day ☐ 5 Day ☒ 10 Day

Order ID: 47698

Client ID / Field Point	Lab. No.	Sample Date	Sample Time	Matrix	No. of Containers	GC/MS Methods: EPA 8260B	BTEX X MTBE X TPH Gas X by 8260B	5 Oxygenates (MTBE, TBA, ETBA, DIPE, TAME) ☐ Lead Scavengers (1,2-DCA & EDB) ☐ Ethanol ☐	Base/Neutral/Acid Organics 8270C ☐ PAH - 8270C ☐ PAH - 8270C SIM ☐	TPH Extractable: Diesel ☐ Motor Oil ☐ Other ☐ w/ Si-Gel Cleanup ☐	Pesticides-8081 ☐ PCBs - 8082 ☐	GC Methods: TPH as Gas/BTEX ☐ MTBE ☐ by 8015M/8020	Methanol by 8015M	General Chemistry: Anions: F ☐ Cl ☐ Br ☐ SO4 ☐ NO3 ☐ NO2 ☐ PO4 ☐	pH ☐ TSS ☐ SC ☐ TOC ☐ TRPH ☐ O&G ☐	Metals - Circle Below Total ☐ Dissolved ☐ STLC ☐ TCLP ☐	Remarks
SB-1	-001	2/2/06	10:30	S	1		X										
SB-1	-002		10:35	W	3		X										
SB-2	-003		11:00	S	1		X										
SB-2	-004		11:05	W	3		X										
SB-3	-005		11:35	S	1		X										
SB-3	-006		11:40	W	3		X										

Relinquished by	Received by	Date	Time
		2/3/06	0842
		2/3/06	1000

Special Instructions or Comments: Temp 9° Acetate Liner & 3 vons each DLT

Metals: Al, As, Sb, Ba, Be, Bi, B, Cd, Ce, Ca, Cr, Co, Cs, Cu, Fe, Pb, Mg, Mn, Ga, Ge, Hg, In, Li, Mo, Ni, P, K, Si, Ag, Na, S, Se, Sr, Ta, Te, Tl, Sn, Ti, Zn, V, W, Zr

☐ EDD Report ☒ EDF Report

☐ Plating ☐ LUFT-5 ☐ RCRA-8 ☐ PPM-13 ☐ CAM-17

APPENDIX E

ORIGINAL
File with DWR

Page 1 of 1

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

No. 0926197

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. MW-8
Date Work Began 2/3/06 Ended 2/3/06
Local Permit Agency County of Sonoma Department of Health Services
Permit No. 4595 Permit Date 1/9/06

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD Hollow-stem FLUID ___

DEPTH FROM SURFACE Ft. to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
	See attached log

TOTAL DEPTH OF BORING 20 (Feet)
TOTAL DEPTH OF COMPLETED WELL 20 (Feet)

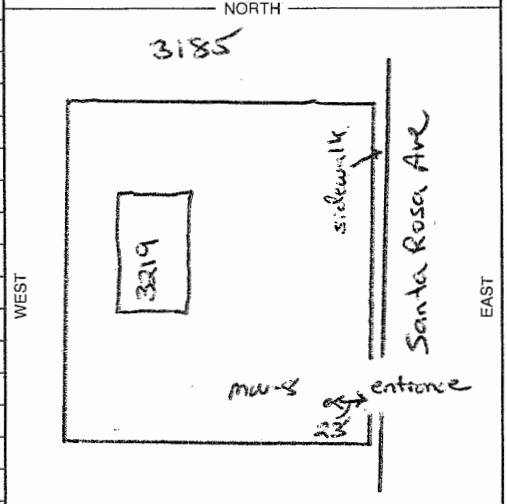
WELL OWNER

Name Gasamat Oil Corp. of Colorado
Mailing Address 3223 Arapahoe Ave, #201
City Boulder State CO ZIP 80303

WELL LOCATION

Address 3219 Santa Rosa Ave
City Santa Rosa
County Sonoma
APN Book ___ Page ___ Parcel ___
Township ___ Range ___ Section ___
Lat 38 DEG. 23 MIN. 54 SEC. N
Long 122 DEG. 42 MIN. 51 SEC. W

LOCATION SKETCH



Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. ***PLEASE BE ACCURATE & COMPLETE.***

ACTIVITY (✓)

X NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

USES (✓)
WATER SUPPLY
___ Domestic ___ Public
___ Irrigation ___ Industrial
MONITORING X
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER 13.5 (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL 7 (Ft.) & DATE MEASURED 2/3/06
ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
** May not be representative of a well's long-term yield.*

CASING (S)

DEPTH FROM SURFACE Ft. to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CON-DUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0 to 10	8	X				PVC	2	sch.40	
10 to 20	↓		X			↓	↓	↓	0.020

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft. to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0 to 7	✓			
7 to 9		✓		
9 to 20			✓	#3 sand

ATTACHMENTS (✓)

X Geologic Log
X Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Geocon Consultants (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS 2356 Research Dr. CITY Livermore STATE CA ZIP 94550
Signed ___ (C-57 LICENSED WATER WELL CONTRACTOR) DATE SIGNED 3/1/06
C-57 LICENSE NUMBER 716050

DWR 188 REV. 05-03

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

OSP 03 788

ORIGINAL
File with DWR

Page 1 of 1

STATE OF CALIFORNIA
WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. 0926198

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

Owner's Well No. MW-9
Date Work Began 2/3/06, Ended 2/3/06
Local Permit Agency County of Sonoma Dept. of Health Services
Permit No. 4895 Permit Date 1/9/06

GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD Hollow-stem FLUID ___

DEPTH FROM SURFACE Ft. to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
	See attached log

TOTAL DEPTH OF BORING 20 (Feet)
TOTAL DEPTH OF COMPLETED WELL 20 (Feet)

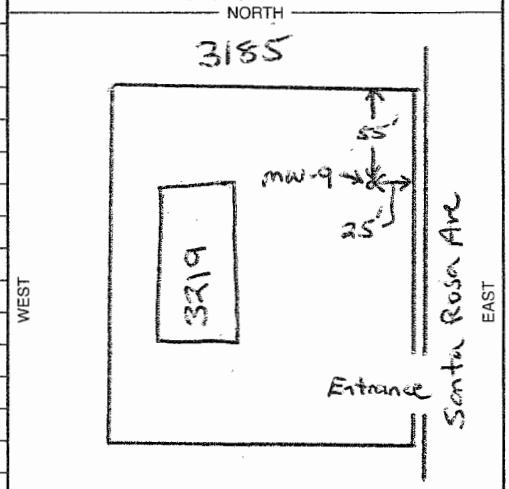
WELL OWNER

Name Gasamat O.I Corp. of Colorado
Mailing Address 3223 Arapahoe Ave, #201
Boulder CO 80303
CITY STATE ZIP

WELL LOCATION

Address 3219 Santa Rosa Ave
City Santa Rosa
County Sonoma
APN Book ___ Page ___ Parcel ___
Township ___ Range ___ Section ___
Lat 38 DEG. 23 MIN. 54 SEC. N
Long 122 DEG. 42 MIN. 51 SEC. W

LOCATION SKETCH



Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. ***PLEASE BE ACCURATE & COMPLETE.***

ACTIVITY (✓)

X NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

USES (✓)

WATER SUPPLY
___ Domestic ___ Public
___ Irrigation ___ Industrial
MONITORING X
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER 13.5 (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL 7 (Ft.) & DATE MEASURED 2/3/06
ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
** May not be representative of a well's long-term yield.*

CASING (S)

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	10	8	✓				PVC	2	sch.40	
10	20	↓		✓			↓	↓	↓	0.020

ANNULAR MATERIAL

DEPTH FROM SURFACE Ft.	to Ft.	TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	7	✓			
7	9		✓		
9	20			✓	#3 Sand

ATTACHMENTS (✓)

X Geologic Log
X Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Geocon Consultants (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS X 2356 Research Dr. CITY Livermore STATE CA ZIP 94550
Signed ___ C-57 LICENSED WATER WELL CONTRACTOR
DATE SIGNED 3/1/06
C-57 LICENSE NUMBER 716050

DWR 188 REV. 05-03

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

OSP 03 788

ORIGINAL
File with DWR

Page 1 of 1

Owner's Well No. MW-10

Date Work Began 2/3/06, Ended 2/3/06

Local Permit Agency County of Sonoma Dept. of Health Services

Permit No. 4895 Permit Date 1/9/06

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet
No. 0926199

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

GEOLOGIC LOG

ORIENTATION (✓) ✓ VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DRILLING METHOD ___ FLUID ___

DEPTH FROM SURFACE Ft.	to Ft.	DESCRIPTION *Describe material, grain size, color, etc.*
		see attached log

TOTAL DEPTH OF BORING 20 (Feet)
TOTAL DEPTH OF COMPLETED WELL 20 (Feet)

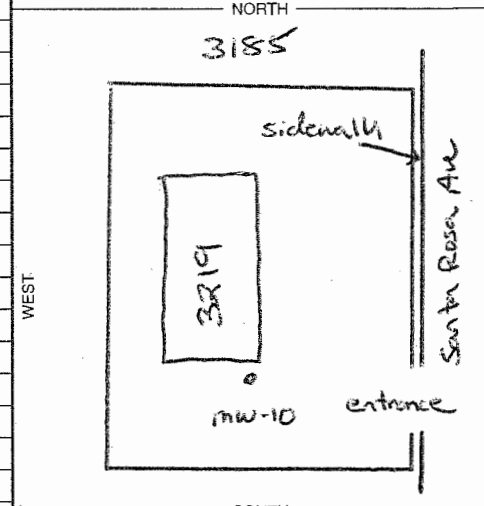
WELL OWNER

Name Gasamat Oil Corp. of Colorado
Mailing Address 3223 Arapahoe Ave, #201
City Boulder CO State 80303 ZIP

WELL LOCATION

Address 3219 Santa Rosa Ave
City Santa Rosa
County Sonoma
APN Book ___ Page ___ Parcel ___
Township ___ Range ___ Section ___
Lat 38 DEG. 23 MIN. 54 SEC. N Long 122 DEG. 42 MIN. 51 SEC. W

LOCATION SKETCH



Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. ***PLEASE BE ACCURATE & COMPLETE.***

ACTIVITY (✓)

✓ NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY *(Describe Procedures and Materials Under "GEOLOGIC LOG")*

USES (✓)
WATER SUPPLY
___ Domestic ___ Public
___ Irrigation ___ Industrial
MONITORING ✓
TEST WELL ___
CATHODIC PROTECTION ___
HEAT EXCHANGE ___
DIRECT PUSH ___
INJECTION ___
VAPOR EXTRACTION ___
SPARGING ___
REMEDIATION ___
OTHER (SPECIFY) ___

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER 17 (Ft.) BELOW SURFACE
DEPTH OF STATIC WATER LEVEL 7 (Ft.) & DATE MEASURED 2/3/06
ESTIMATED YIELD * ___ (GPM) & TEST TYPE ___
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
** May not be representative of a well's long-term yield.*

DEPTH FROM SURFACE Ft.	to Ft.	BORE-HOLE DIA. (Inches)	CASING (S) TYPE (✓) BLANK	SCREEN	CONDUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
0	10	8	✓				PVC	2	sch 40	
10	20	↓		✓			↓	↓	↓	0.020

DEPTH FROM SURFACE Ft.	to Ft.	ANNULAR MATERIAL TYPE CEMENT (✓)	BENTONITE (✓)	FILL (✓)	FILTER PACK (TYPE/SIZE)
0	7	✓			
7	9		✓		
9	20			✓	#3 sand

ATTACHMENTS (✓)

✓ Geologic Log
✓ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Geocon Consultants (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS 2356 Research Dr. CITY Livermore STATE CA ZIP 94550
Signed ___ C-57 LICENSED WATER WELL CONTRACTOR
DATE SIGNED 3/1/06
C-57 LICENSE NUMBER 716050

DWR 188 REV. 05-03

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

OSP 03 788

APPENDIX F

Virgil Chavez Land Surveying
721 Tuolumne Street
Vallejo, California 94590
(707) 553-2476 • Fax (707) 553-8698

March 9, 2006
Project No.: 2427-04

John Love
Geocon Consultants, Inc.
2336 Research Drive
Livermore, CA 94550

Subject: Monitoring Well Survey
Gasamat #953
3185 Santa Rosa Ave.
Santa Rosa, CA

Dear John:

This is to confirm that we have proceeded at your request to survey the ground water monitoring wells located at the above referenced location. The survey was completed on March 8, 2006. The benchmark for this survey was a disk in mounment well located at the centerline of Santa Rosa Ave. approximately 880 South of Bellevue Ave. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone II (NAD83).
Benchmark Elevation = 115.151 feet (NGVD 29).

Latitude	Longitude	Northing	Easting	Elev.	Desc.
				114.53	RIM MW-8
38.3985496	-122.7137552	1907768.18	6357111.46	114.13	TOC MW-8
				115.62	RIM MW-9
38.3988299	-122.7137701	1907870.31	6357108.00	115.36	TOC MW-9
				116.06	RIM MW10
38.3986106	-122.7141581	1907791.30	6356996.16	115.70	TOC MW10

Sincerely,

Virgil D. Chavez, PLS 6323

APPENDIX G

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1
	1 2 7 2 7	

3. Generator's Name and Mailing Address
Gasamat Oil Corp. of Colorado
3223 Arapahoe Avenue
Boulder CO 80303
5244787
Att: Chris Merritt

4. Generator's Phone (925) 371-5900

3185 Santa Rosa Avenue
Santa Rosa CA 95407

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Ecology Control Industries	CAD 9 8 2 0 3 0 1 7 3	510 235-1393
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
CROSBY & OVERTON 1630 W. 17TH STREET LONG BEACH CA 90813	CAD 0 2 8 4 0 8 0 1 0	562 432-5445

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Hazardous, Non-Regulated Solid (Soil with Hydrocarbons)	005	DM	025.00	P
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above
a) Profile #: 28659	

15. Special Handling Instructions and Additional Information
Wear appropriate PPE 24 Hour emergency contact (ECI Dispatcher) 800-321-5479
Site address: Former Gasamat-Santa Rosa, 3185 Santa Rosa Avenue, Santa Rosa, CA
Consultant: Geocon Consultants, Inc., 2356 Research Drive, Livermore, CA 94550
Weights or volumes are approximate ECI Job#: 5244787

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David DellOsso on behalf of Geocon		02	13	06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
James L Butler		02	13	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Joel Duran		02	27	06

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER #1

APPENDIX H

Mr. John Love
Geocon Consultants, Inc.
2356 Research Drive
Livermore, CA 94550
FAX: 925-371-5915

Subject: **Additional Investigation Report**
Former Gasamat #953
3185 Santa Rosa Avenue
Santa Rosa, California

Report Date: **March 22, 2006**

Dear Mr. Love:

I have reviewed and approved the above-referenced report for the Former Gasamat #953 site. Please submit the report to the County of Sonoma Health Services Department. Should either of the agencies require it, I am prepared to declare, under penalty of perjury, that to the best of my knowledge, the information contained in the subject report is true and correct.

Sincerely,

Dan Gallagher

Dan Gallagher

Date: 4-4-06